



Avoid plastics, reduce pollution



Shop Smart



Love your Stuff



Reduce Waste



Choose less plastic



Shop Smart



Love your Stuff



Reduce Waste



Buy it once



Shop Smart



Love your Stuff



Reduce Waste



Reuse with pride



Shop Smart



Love your Stuff



Reduce Waste

Waste updates a focus on plastics

Kellie Kish
Recycling Coordinator



Division Overview

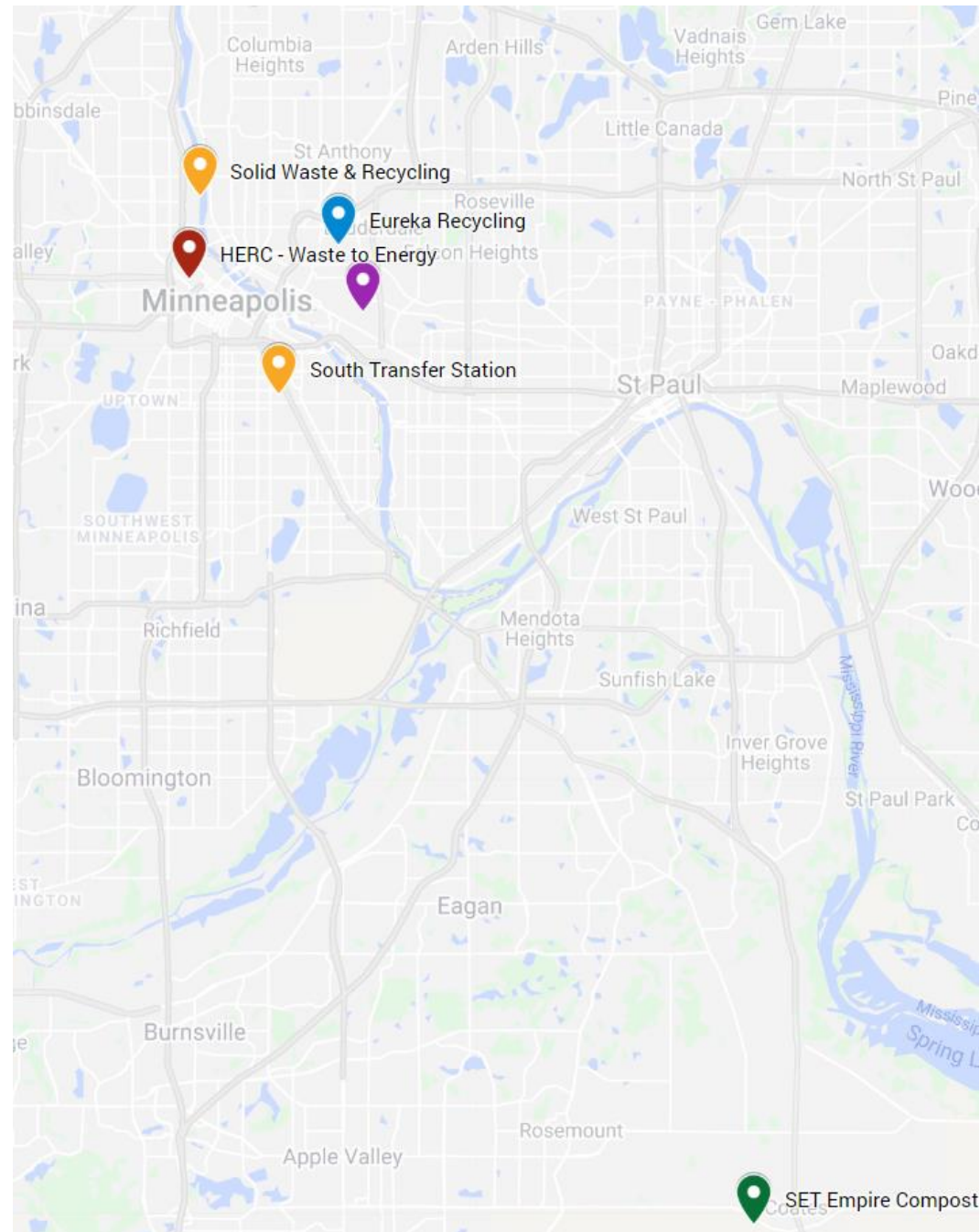
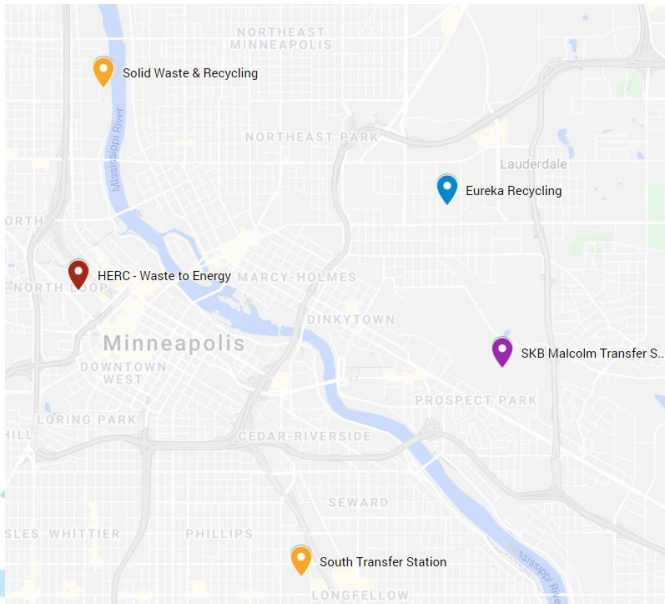
Services Provided (1-4 unit buildings):

- Garbage (weekly)
- Recycling (every other week)
- Organics Collection (weekly)
- Large Item Collection (weekly)
- Yard Waste (Apr. – Nov.)
- Clean City Services:
 - CleanSweeps
 - Litter Clean-Up Supplies
 - Adopt-A-programs
 - Graffiti Abatement
- Voucher Program
- Event Recycling Services



Where does it go?

- Orange pin: Solid Waste & Recycling
- Orange pin: South Transfer Station
- Red pin: HERC - Waste to Energy
- Blue pin: Eureka Recycling
- Purple pin: SKB Malcolm Transfer Station
- Green pin: SET Empire Composting Fac...



Recycling

- 97% of customers have a recycling cart
- Recycling is processed for sale to markets by Eureka Recycling
- 9.32% contamination (2020)
 - Up from 8.51% in 2019
 - Most recent sort was lower! (8.7%)

Yes, please recycle items on recycling guide

- Food, beverage and toiletry containers
- Paper that does not come into direct contact with food

Do not recycle:

- Plastic bags, wrap or film
- Scrap metal
- Electronics
- Anything larger than a 5-gallon pail
- Anything smaller than 3"
- Pressurized cylinders

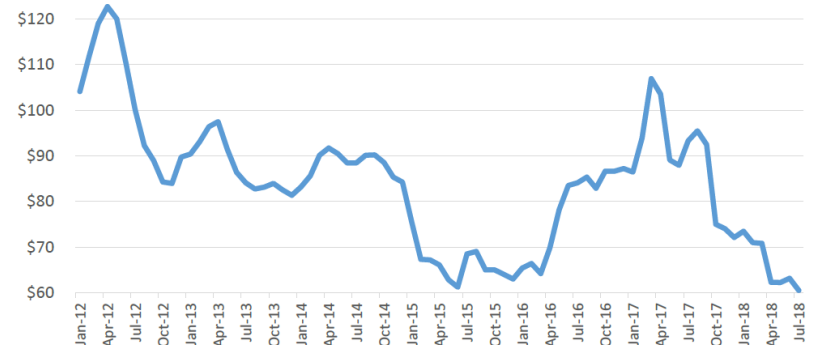
 Recycling

<p>Paper, boxes, cardboard Flatten boxes</p> 	<p>Plastic bottles, jugs, cups, containers Recycle plastics # 1, 2, 5</p> 
<p>Glass bottles and jars</p> 	<p>Metal cans</p> 
<p>Cartons</p> 	<p>Cardboard cans</p> 
<ul style="list-style-type: none">✗ No plastic bags✗ No bagged recycling✗ No black plastics	<ul style="list-style-type: none">✗ No large plastic items✗ No random metal items✗ No Styrofoam™

When in doubt, find out.

What makes something recyclable?

- Collection
 - Picked up or dropped off
- Sorted
 - Equipment at a material recovery facility (MRF)
- Markets
 - Someone to buy and make into a new product



Plastic bag recycling

- Plasticfilmrecycling.org
- More than plastic shopping bags
- Plastic films #2 and #4 have strongest markets for recycling
- Turned into durable plastics – patio furniture, landscape edging, plastic lumber

Bring These Items to a Drop-off Location for Recycling

Scroll through to view examples of plastic bags, wraps and film that can be recycled



Case Wrap

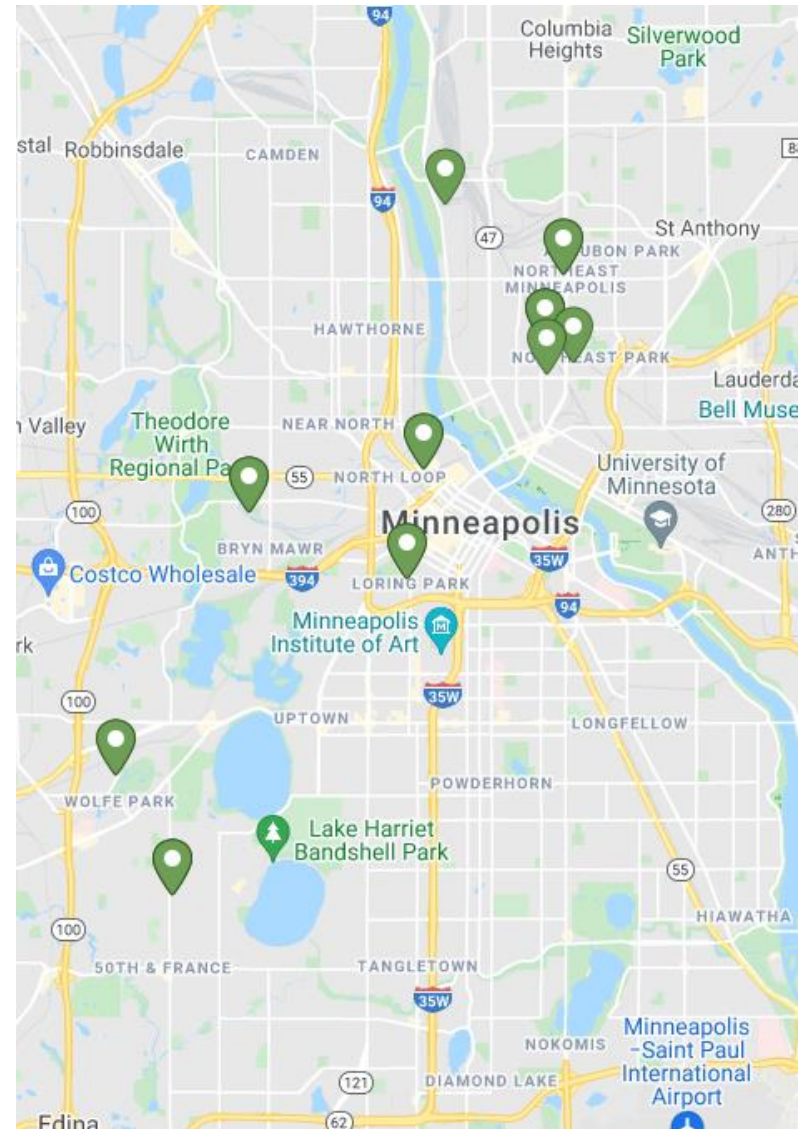


Food Storage Bags



Pak Tech packaging

- Not recyclable in your recycling cart
 - Flat and act more like a piece of paper than a container
- Many local breweries accept for reuse or recycling
- paktech-opi.com/recycling-drop-off/



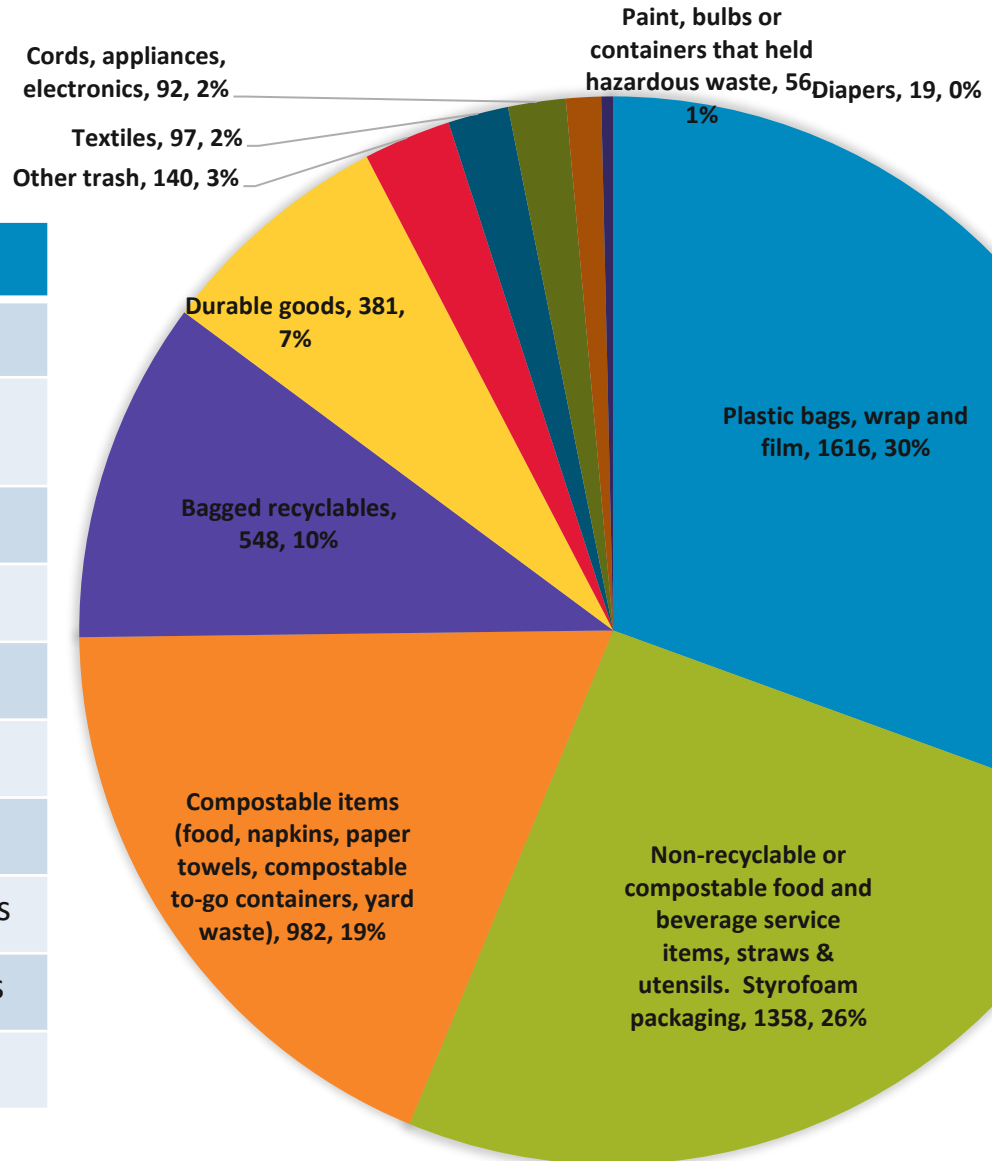
Problematic packaging



2018 recycling contamination evaluation

- 5,214 pieces

%	Category
30%	Plastic bags, wrap and film
26%	Non-recyclable or compostable food service
19%	Compostable items
10%	Bagged recycling
7%	Durable goods
3%	Other trash
2%	Textiles
2%	Cords, appliances, electronics
1%	Paint, bulbs, HHW containers
0%	Diapers



Common recycling issues / questions

- Are my recyclables actually recycled?
 - What do the #s mean?
 - What plastics can be recycled?
 - Only 9% of plastics are recycled?
 - Why not black plastics?
 - What do I do with lids?
-
- Mason jars?
 - Broken glass bottle?
 - Flatten or not flatten?
 - Boxes, cartons, cans, etc.
 - Remove windows from envelopes?
 - Shredded paper?
 - Scrap metal (pots and pans, silverware, nails, toasters, pipes)?

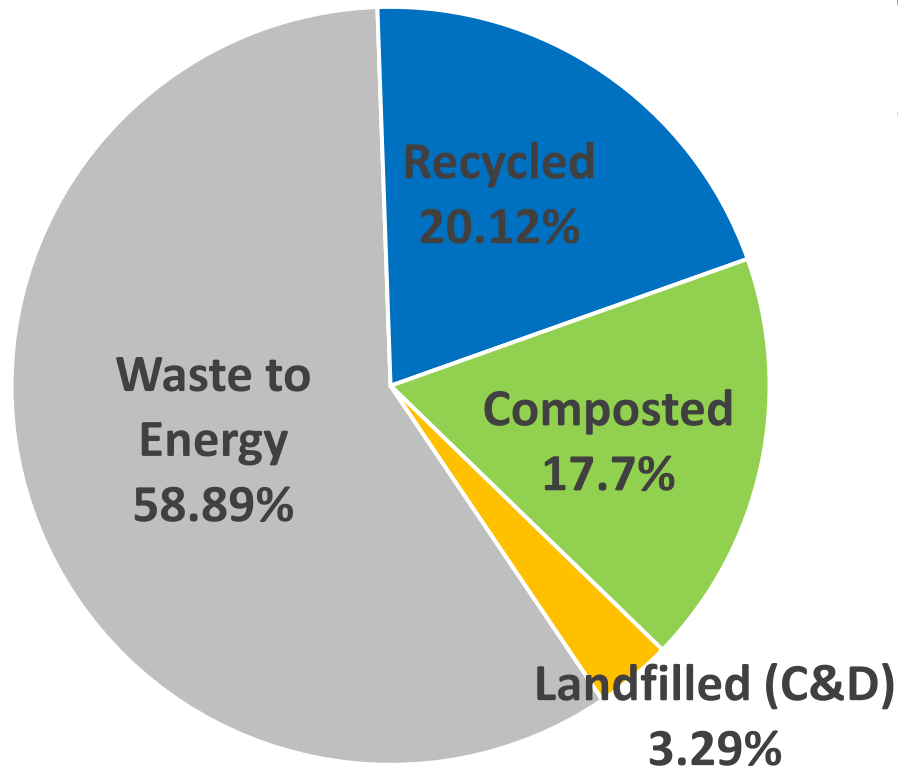


Make the I love you sign in ASL to tell which plastics are recyclable

What happens to my recycling?

- Waste is very local
- National stories aren't always accurate for what's happening here
- Eureka Recycling:
 - 100% of recyclables stay in North America
 - 90% stay in Midwest
 - 83% in Minnesota

2020 residential waste overview



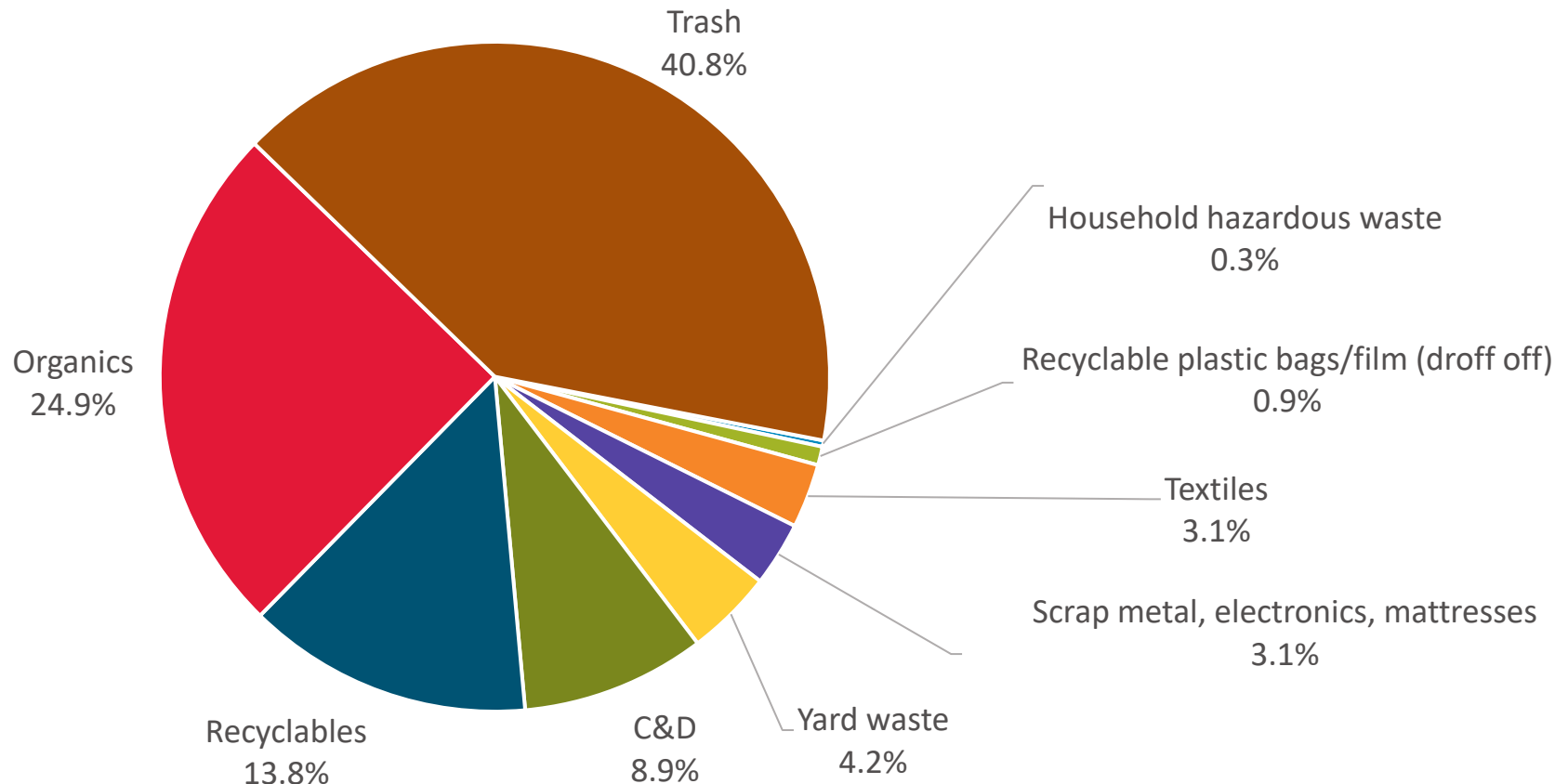
City Goal (adopted 2015)

- Recycle or compost 50% of citywide waste by 2020; 80% by 2030, and achieve 0 percent growth in total waste from 2010 level.
 - Citywide includes:
 - Residential
 - Multifamily
 - Commercial
 - Institutional
 - Public spaces
 - Construction & demolition debris

Hennepin County 2016 HERC Residential Waste Sort

Composition of the trash

Note: Study waste completed before Minneapolis organics program was rolled-out



How reduce what's in the trash?

- Personal choices

- Choose reusable items
- Avoid packaging
- Only buying an item if you actually need it
- Go digital – bills, media, etc.
- Shopping used / donating usable items
- Buy durable, repairable / mendable (and repair and mend)



- Manufacturing choices

- Using post-consumer and post-industrial material in their products
- Design for disassembly / reuse
- Design and support infrastructure for repair, reuse and recycling

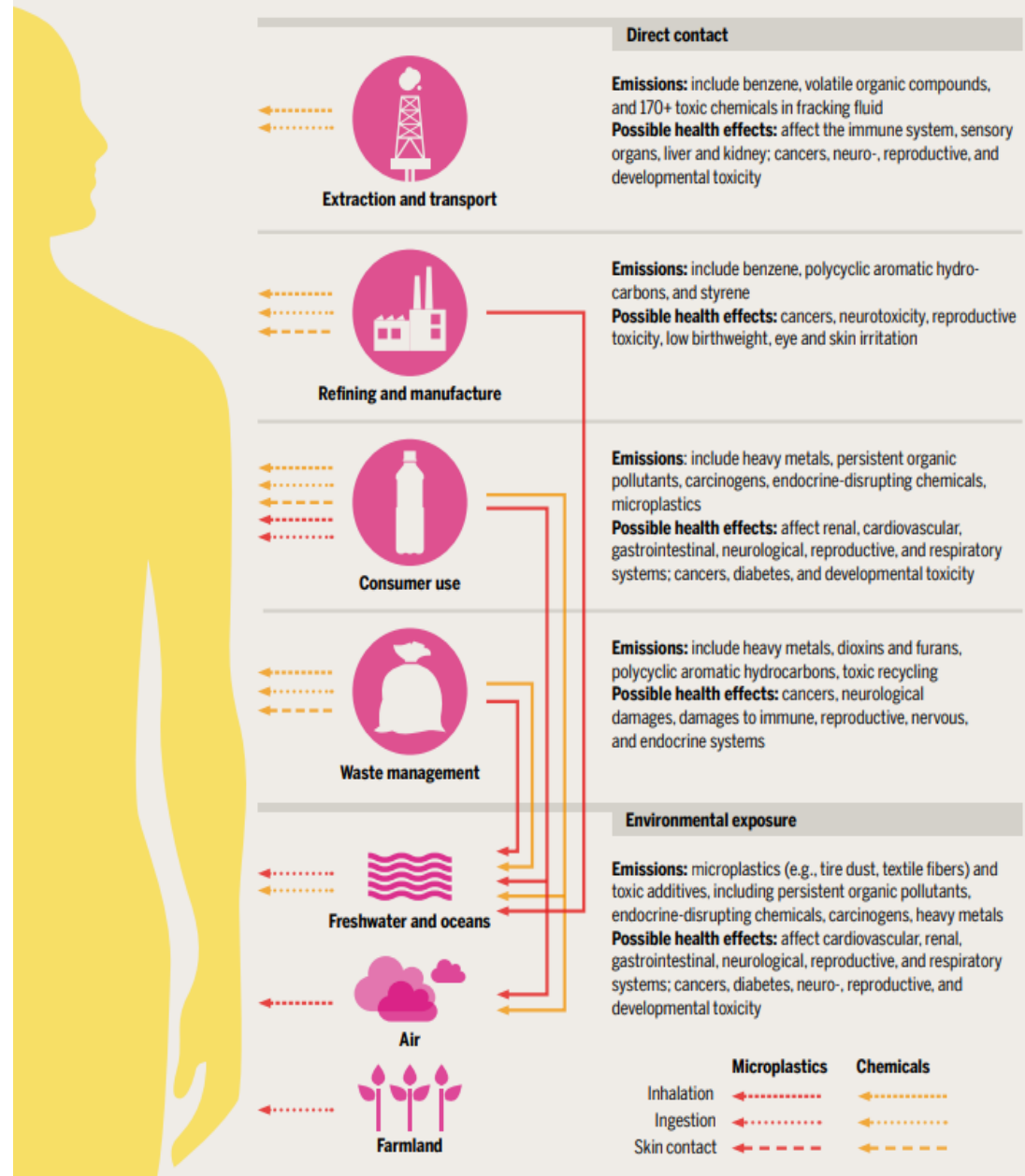


Plastic manufacturing

- 99% of single-use plastics are made from fossil fuels
 - Byproduct of fracking
- Fence-line communities – near fracking or processing facilities
 - Shelter in place orders when leaks
 - Higher levels of cancer and other health issues
 - Google “Cancer alley” for more info

NO WAY TO AVOID IT

We are exposed to toxic chemicals and microplastics at all stages in the plastics life cycle. The pollutants can get into our bodies in many ways.



COVID-19 Waste behavior survey

- **Goal:** Evaluate how the coronavirus global pandemic and spending more time at home has changed how residents buy, use and discard:
 1. Clothing and household goods
 2. Food
 3. Single-use and reusable items
- Nov. 20 – Dec 20., 2020
- 1,354 total surveys received (1,302 valid)


Division of Solid Waste and Recycling

<http://www.minneapolismn.gov/solid-waste>

Your recycling day is Tuesday

Your regular collection day is Tuesday. Please remember to place your garbage, organics and recycling carts and up to two large items at the alley or curb line by 6 a.m. on Tuesday.

Yard waste collection has ended for the year. If you still have yard waste that you'd like to get rid of before collection begins again next spring, visit [Hennepin County's Yard and tree waste disposal web page](#).

How has COVID impacted waste at your home?



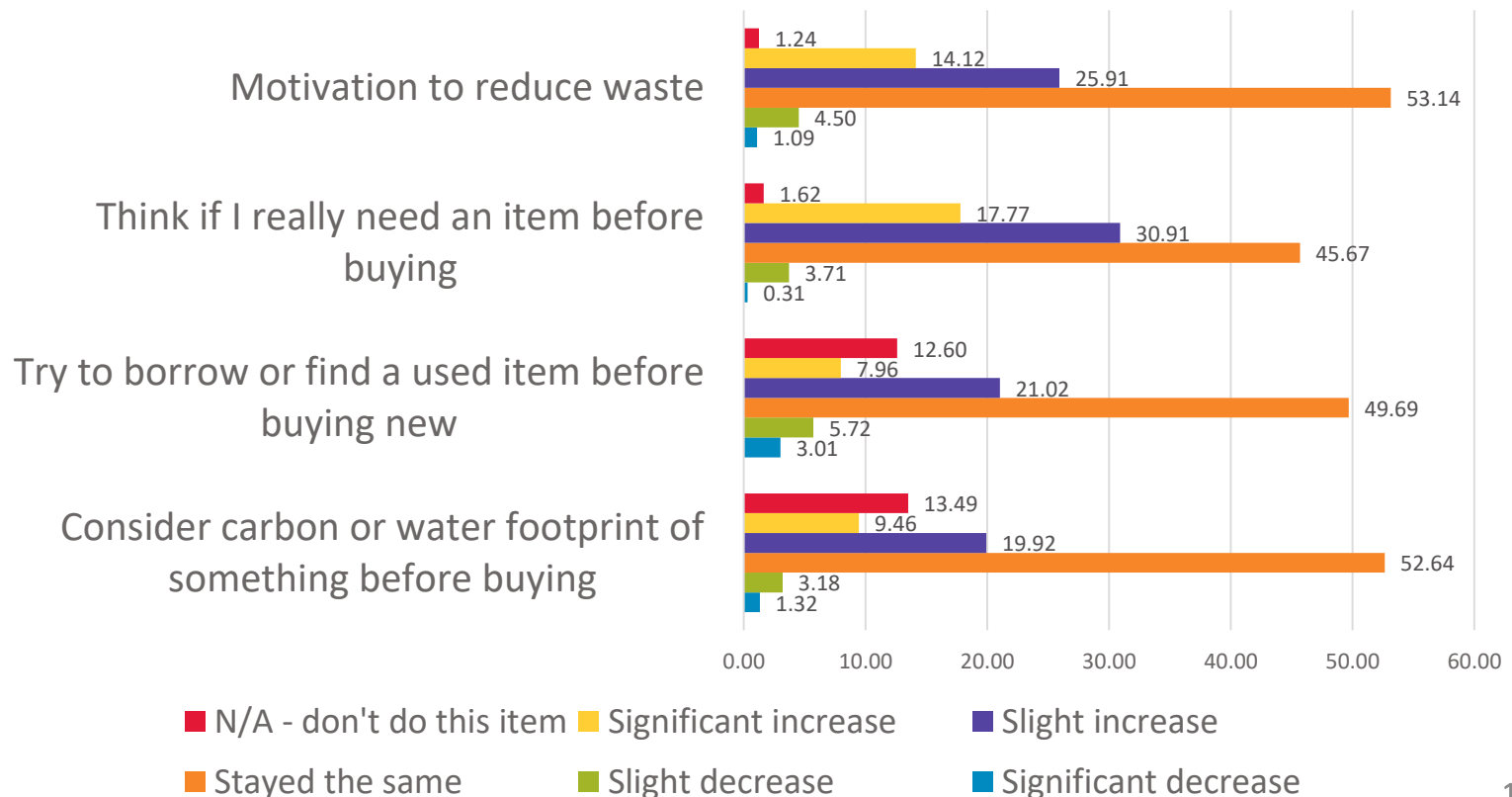
We would like to learn how COVID-19 has impacted how you buy, use and discard clothing, household goods (ex. cookware, toys, home décor), food, and single-use items.

[Take the survey.](#)

Survey results will help our office develop messaging for outreach and education in 2021.

Waste reduction & reuse – a positive side of the pandemic

- 65% of residents feel more aware of the waste created in their home

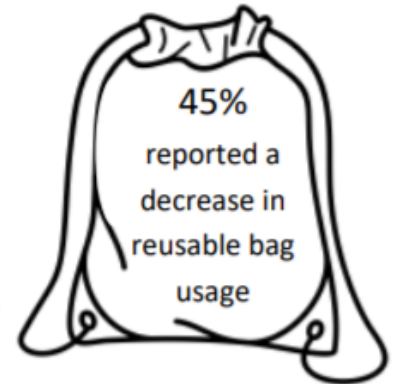
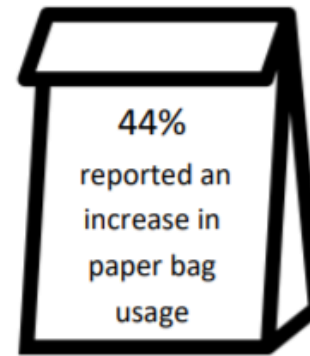


Clothing & household goods

- Overall decrease in amount of new or used items purchased.
 - 58% decrease in NEW items purchased
 - 42% decrease in USED items purchased
- Borrowing or acquiring used items from friends, family, neighbors remained the same for 40.26% of respondents
- 34% reported increase in fixing or mending clothing or household goods (52% reported no change, 4% reported a decrease)
- 1/3 of respondents reported increase in posting unwanted items on social media sites.

Single-use and reusable bags

- Some stores were not allowing use of reusable bags.



- Increase in bag usage also likely due to increase in ordering curbside pickup or grocery delivery.
 - Residents noted not being able to specify their bag preference
 - Residents also noted few items in bags from curbside/delivery (ex. 2 items in a plastic bag)

Other reusable vs. single-use

- **Paper plates** (Home more, clean more? Quick cleanup after lunch home schooling?)
 - 10% decrease vs. 7% increase
- **Disposable silverware**
 - 13% decrease vs 8% increase
 - 70% rarely use from take-out/delivery, but only 36% request silverware not be provided when ordering
 - 88% of people support not allowing restaurants to distribute silverware or straws unless requested
- 29% Increase in reusable cleaning rags/towels and 16% in cloth napkins (Unsurprisingly, 49% increase in cleaning wipes.)
- **Bottled water: 11% reported a decrease, 8% an increase.** (Less time out and about?)
 - Reusable bottle usage increased by 32%

Maintaining behavior change

- Love your Stuff campaign
 - Tie health and environmental impacts of buying, using, and discarding
 - Single use plastics
 - Textiles
 - Food

Minneapolismn.gov/LoveYourStuff



Learn how your food is grown



Shop Smart



Love your Stuff



Reduce Waste



Support Minnesota farmers



Shop Smart



Love your Stuff



Reduce Waste



Make a shopping list



Shop Smart



Love your Stuff



Reduce Waste



Avoid plastics, reduce pollution



Shop Smart



Love your Stuff



Reduce Waste



Switch to reusable



Shop Smart



Love your Stuff



Reduce Waste



Buy it once



Shop Smart



Love your Stuff



Reduce Waste



Learn clothing's true cost



Shop Smart



Love your Stuff



Reduce Waste



Love, repair, rewear



Shop Smart



Love your Stuff



Reduce Waste



Wear it out



Shop Smart



Love your Stuff



Reduce Waste

Resources to find out
how to dispose of an
item, repair, donate,
and reuse

Updated City website

Plastic



Recyclable bottles and jugs #1, #2, #5 (caps on)

- ✓ Water, soda and juice bottles
- ✓ Milk and juice jugs
- ✓ Ketchup and salad dressing bottles
- ✓ Dishwashing and laundry soap bottles and jugs
- ✓ Shampoo, soap and lotion bottles

Recyclable cups and containers #1, #2, #5

- ✓ Yogurt, pudding and fruit cups
- ✓ Margarine, cottage cheese and other tubs and lids
- ✓ Produce, deli and takeout containers

Not recyclable

- ✗ Plastic bags or film
- ✗ Bubble wrap
- ✗ Plastic foam (commonly referred to as Styrofoam)
- ✗ #3, #4, #6 and #7 plastics
- ✗ Black plastics
- ✗ Any container that held hazardous waste

Disposal guide

This searchable guide tells you how to properly dispose of many common and uncommon household items.

Find information on the best way to recycle, reuse or dispose of items from your home. Enter a search term.

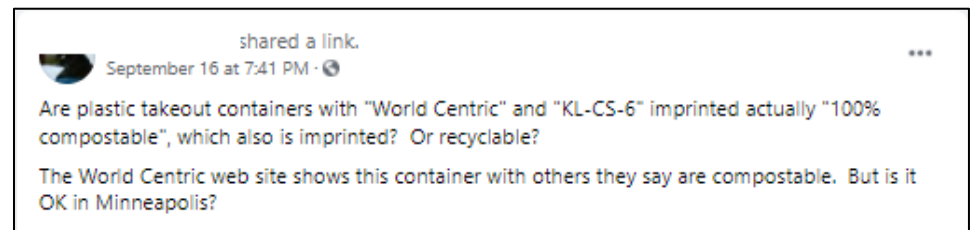
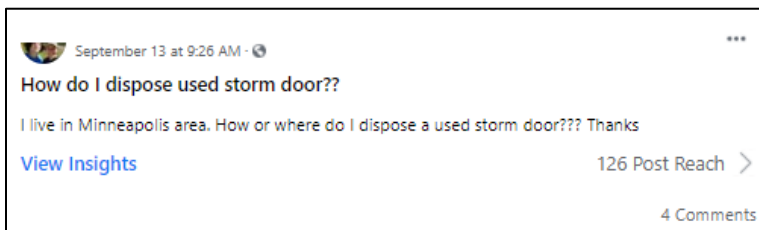
Cat (kitty) litter
Catalytic converter
Magazines and catalogs
Medications and prescriptions

4 results

minneapolismn.gov/disposalguide

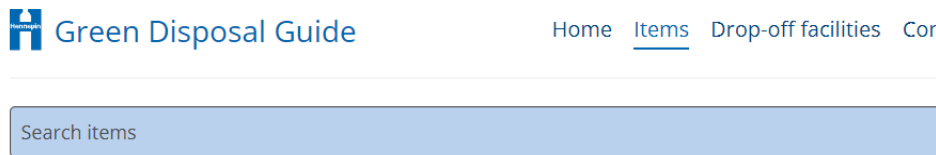
City Recycling Facebook group

- [Facebook.com/groups/minneapolisrecycles](https://www.facebook.com/groups/minneapolisrecycles)
- Post pictures, ask questions, get answers from residents or our office
- Over 500 members



Hennepin Green Disposal Guide

- For those without City collection services
- [Hennepin.us/green-disposal-guide](https://hennepin.us/green-disposal-guide)



! Face coverings required

All visitors to county buildings are required to wear face coverings that cover both mouth and nose. Masks are available if needed. Click [here](#) for more info.

Plastic bags and wrap

Recommended disposal options

Recycle at retailer

Plastic bags and wrap can be brought to retailers that offer plastic bag recycling, such as grocery and department stores. For plastic bag recycling locations in the Twin Cities, check plasticfilmrecycling.org.

Plastic bags are NOT accepted in curbside recycling programs. Separate and clean plastic bags, then take them to a retailer that offers plastic bag recycling.

Numbers on plastics: confusing?

Yes, they are confusing. To crack the recycling code, it's best to use the description of the materials (bottles, cups, containers), images and the numbers to determine what is recyclable.

Bring your own bag ordinance

- 5 cent fee on ALL carryout bags
- Enforcement resumed on October 1st
- Exemptions
 - Temporary events (inc. Farmers Markets)
 - Take-out, delivery, dry-cleaning
 - Bulk bags
 - Secondhand bags
 - Food assistance programs

Avoid bag fees.
Bring your own bag.



Help keep our community clean year-round

Free containers, bags, gloves, etc. available all year round

- Request Litter Cleanup Supplies
- Adopt-a-Litter Container
- Adopt-a-Recycling Container
- Adopt-a-Block
- Adopt-a-Street
- Adopt-a-Median
- Adopt-a-Storm Drain
- Storm Drain Stenciling
- Graffiti Paint Over

minneapolismn.gov/cleancity



Garden Tool Swap

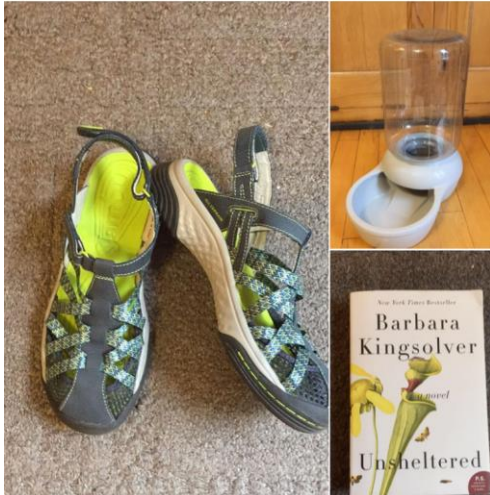
- First garden tool swap! Held May 8, 2021 for 2 hours at 4 City parks (one in each quadrant)
- Over 200 participants
- Almost 700 items brought
 - Pots over 8" in diameter – over 250
 - Pots less than 8" in diameter – over 230
 - Tools – 141
 - Gloves, aprons, kneeling pads - 14
 - Books, plant labels, lattice, shepherd hooks – 13
 - Bird houses / feeders - 12
 - Garden art – 10
- Minor amount of items (>30) were not taken and were recycled or thrown away
- Will hold again in 2022



Join your local Buy Nothing Group

- Hyperlocal sharing community
 - Give
 - Receive
 - Borrow
 - Thank
- All for free

September 20 at 1:51 PM · 🌐
Pending Pickup: a. Jambu sandals, size 8.5 femme. B. Auto waterer. C. Unsheltered book, Barbara Kingsolver. Comment interest under photo.

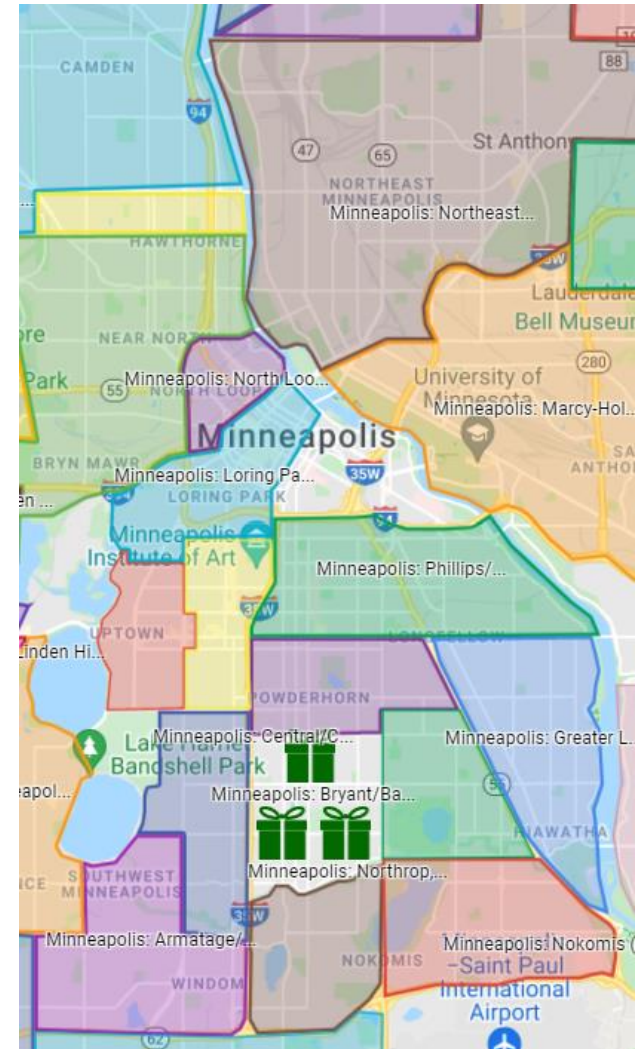


September 15 at 9:12 AM · 🌐
Ask: Aprons that will fit my high school pottery students. My aprons are all starting to fall apart, please let me know if you have one or two to get rid of. Thanks!



12 10 Comments

September 16 at 12:28 PM · 🌐
Gratitude: thank you Denise for the gate! I feel so comfortable having Dizzie out now!



Find your group: [BuyNothingProject.org](https://www.BuyNothingProject.org)

BUY NOTHING PROJECT

Give. Ask. Gratitude.

www.buynothingproject.org

Buy Nothing Kingfield/East Harriet/Tangletown, Minneapolis, MN

Private group · 1.0K members



Joined

About Discussion Announcements Topics Members Events Media Files

Give

July 29 · 6

Plastic food containers of various sizes. Some from take out, but some purchased for particular use (bento box) - all clean and with lids! Free to good home! What will you use them for? Packing leftovers? lunches? storing beads for projects? the berries you picked past weekend for freezing? You decide! let me know your interest!



3

2 Comments

April 8 · 6

GIFT: third birthday edition! my cousin (in-law?) dropped this humongous "3" balloon off for my kid's birthday. It's been hanging around for about a week and a half, so clearly it has overstayed its welcome. Does anyone have a need for this in the near future? Please say yes! 🎉



and 6 others

5 Comments

GIVE: plastic storage container. I used for epsom bath salt. LaCroix for size reference
**if multiple people are interested, I'll draw a name.



September 25 at 9:12 AM · 6

Ask: small / medium sized glass jars with lids. We've run out of small jars for storing pesto. Anyone have some small glass jars they're thinking of recycling that we can repurpose? La croix for scale.



asked a question in Buy Nothing (Archived)
Bryant/Bancroft/Regina/Field/Northrop, Minneapolis.
February 1 · 6

Ask looking for a large (empty) Oatmeal container for a Valentine's Day craft project. Thought I'd ask here first. Alternatively, if I end up buying a large oatmeal container, would anyone want the actual oatmeal?

Brand: Quaker - Hot Cereal
Quaker, Oatmeal, 42 Oz Canister

★★★★



5

5 Answers

MN.

September 10 at 12:16 PM · 6

Ask: I'm looking for empty large plastic buckets that kitty litter comes in? I'm looking for several to put rock into. Similar to this...

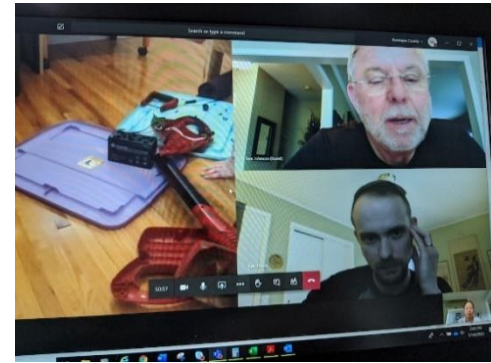


2

1 Answer

Hennepin Programs

- Choose to Reuse: Join the Circle
 - Join anytime for reuse trips and tricks
- Fix-It Clinics
 - Guided assistance to fix household goods, mend clothing, etc. (Still remote for now)
- Zero Waste Challenge
 - 8-month personalized challenge (Started 9/1/21)
- Stop Wasted Food Challenge
 - Started 10/13/21
 - Tips, tricks, resources to help reduce wasted food
- Deconstruction grants
 - Up to \$5k / project to salvage usable building materials / deconstruct a building instead of demo



Get active

- Learn more about the issues
 - Watch documentaries
 - Participate in community conversations
 - Tangletown Neighborhood low waste series
 - Tangletown.org/lowwaste
- Contact manufacturers
- Contact legislators (State and local)

Right to repair

- You can bring your car to any mechanic because manufacturers are required to provide repair manuals and make parts available
- Right to repair bills want to extend this to electronics and farm equipment
- Bills at the state level and federal level



Local legislation – “Advanced Recycling”

- SF 1392 / HF 2197 – “Advanced recycling establishment”
 - Bill introduced in 2021 legislative session – included in Env. NR Resources Omnibus bill, removed in negotiations
 - Term created and defined by the chemical industry (also referred to as chemical recycling)
 - technologies from gasification to polymerization
 - Bill aims to reclassify processing waste plastics into a fuel as manufacturing rather than waste processing / solid waste disposal – and seeks less regulations
 - Bill classifies ‘crude oil, naphtha, and liquid transportation fuels’ as recycled products
- Waste to energy/fuel is not considered recycling in MN
- Bill passed in 14 states
- Passage would not support an overall reduction of plastic use
- Opposed by Association of Minnesota Recyclers (ARM), Eureka Recycling, Association of Plastic Recyclers (ARP)



Avoid plastics, reduce pollution



Shop Smart



Love your Stuff



Reduce Waste



Love, repair, rewear



Shop Smart



Love your Stuff



Reduce Waste



Eat it, don't waste it



Shop Smart



Love your Stuff



Reduce Waste

Questions?

Kellie Kish

Recycling Coordinator

Kellie.kish@minneapolismn.gov